

AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) An adaptive pneumatic seat cushion [(1)] and backrest cushion [(2)] for vehicles and aeroplanes, ~~characterised in that it comprises each of the seat cushion and the backrest cushion comprising:~~

~~a seat cushion (1) and a backrest cushion (2) which can be connected;~~

~~both the seat cushion (1) and the backrest cushion (2) comprise the following~~

~~characteristics:~~

~~a plurality of low-elasticity textile tubular pockets [(5)], arranged side by side;~~

~~consisting of a textile material of low elasticity, of which~~

~~adjacent tubular pockets [(5)] each is of the plurality of tubular pockets being directly interconnected connected to the adjacent pockets by means of via seams [(6)];~~

~~wherein each of the plurality of tubular pockets pocket [(5)] comprises a pouch [(7)] which consists of comprising an elastic plastic material with a valve [(8)];~~

~~which pocket can be filled with compressed air;~~

~~wherein the totality of the plurality of tubular pockets [(5)] are enclosed by a shell [(4)] made of a textile material of low elasticity[.];~~

~~wherein said plurality of tubular pockets [(5)] are sewn to the shell [(4)] along further seams [(6)], such that the shell is tensioned and forms a cushion surface [(4)] when the plurality of pouches [(7)] are filled with compressed air is tensioned and thus forms the actual seat or backrest surface.~~

2. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 1, ~~characterised in that wherein the a plurality of tubular pockets [(5)] in the seat cushion [(1)] are arranged parallel to the a direction of the seat, while and in the backrest cushion [(2)] said a plurality of tubular pockets [(5)] are arranged in the a top-to-bottom direction.~~

3. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 1, ~~characterised in that wherein the plurality of tubular pockets, [(5)] both in the seat cushion [(1)] and in the backrest cushion, [(2)] are arranged across the seat.~~

4. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 2 or 3, ~~characterised in that wherein all of the plurality of tubular pockets [(5)] in the seat cushion [(1)] on the one hand, and in the backrest cushion [(2)] on the other hand, are of the same size.~~

5. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 2 or 3, ~~characterised in that wherein the cross dimensions of the plurality of tubular pockets [(5)] are differently selected such that optimum seating comfort can be achieved.~~

6. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 5, ~~characterised in that wherein each of the plurality of tubular pockets pocket [(5)] can individually be filled with compressed air.~~

7. (CURRENTLY AMENDED) The pneumatic seat cushion and backrest cushion according to claim 2 or 3, ~~characterised in that~~ wherein the cross dimensions of the plurality of tubular pockets ~~[[(5)]]~~ vary with their longitudinal dimensions.